

ABSTRACT

A data recording method for an optical disk drive is implemented by the following steps. First, one or more data blocks are encoded and recorded sequentially, and it detects if a buffer under run occurs. If a buffer under run occurs, the recording does not stop immediately until at least the main data of the data block being currently recorded have been recorded completely. Afterwards, it restarts to encode and record from the data block next to the data block where the recording stops. Moreover, the recording also can stop if a servo error is detected, and the data restart to encode and record from the data block where the recording stops or at least one data block preceding the data block where the recording stops.